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AIL1020

Foundations of Statistics & Probability

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Module 02 Contd.

Types of Datasets

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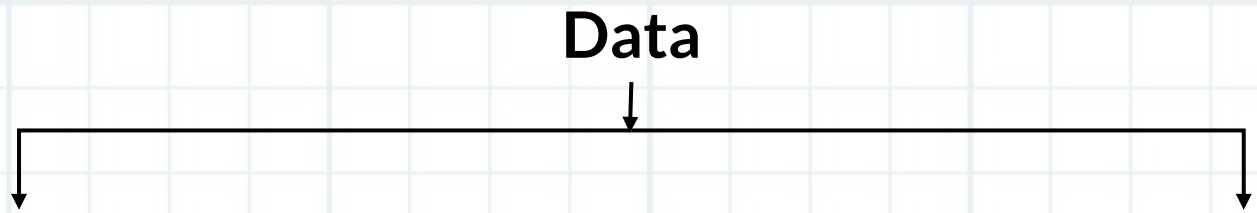


Quantitative

Numerical

Measurable quantities that can be expressed numerically

Discrete

Countable data with specific values

Continuous

Can take any value within a given range

Qualitative

Categorical

Non-numerical data that represents categories or labels

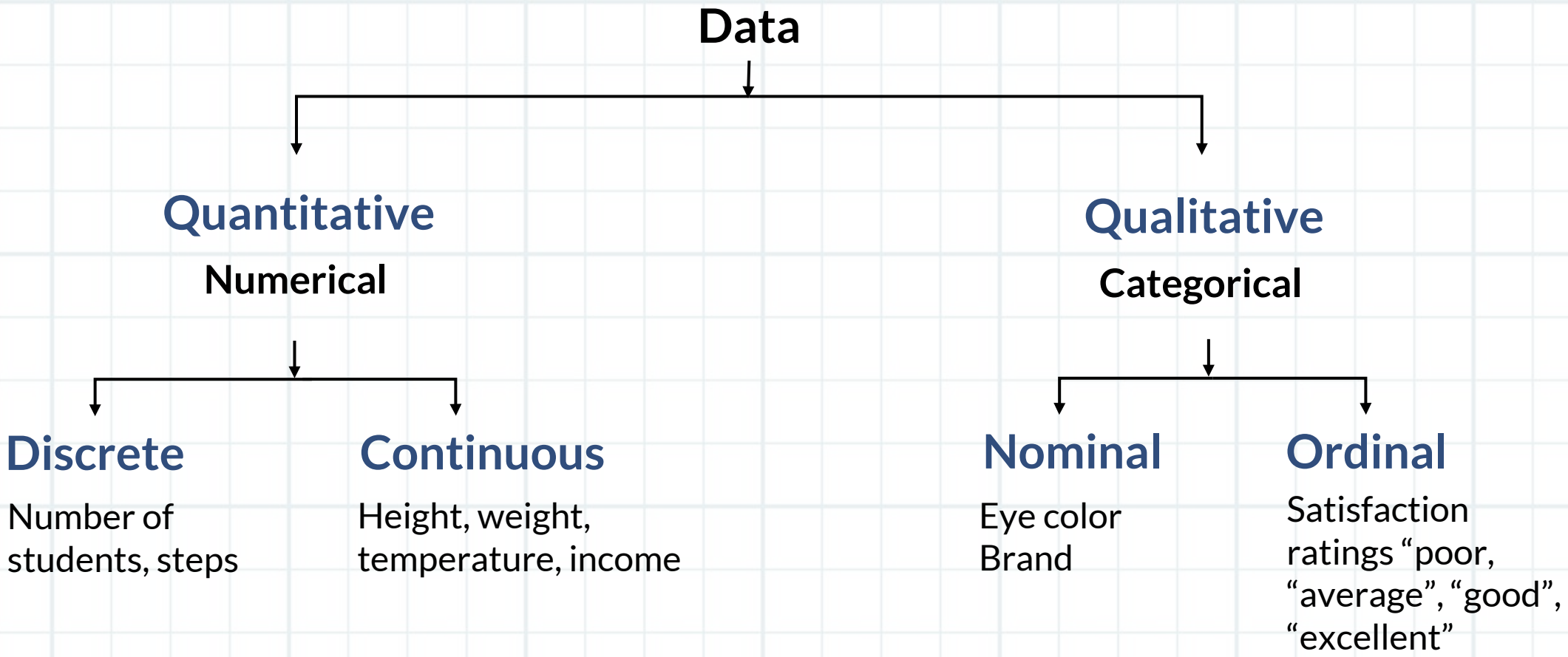
Nominal

Categories without a natural order

Ordinal

Categories with a meaningful order

Types of Datasets



Types of Datasets

Question

Which of the following is an example of continuous data?

A. Number of books in a library
B. Type of car owned
C. Customer satisfaction rating (1–5 scale)
D. Temperature measured in Celsius